

April 21, 2010 9:19:18 AM



Page 1

Item ID:

D206-642-541

Accept



Setup

Start Stop



Revision ID:

Replacement Skidtube Item Name:

Start Date:

21/04/2010

Start Qty: 1.00 **Required Date: 28/04/2010**

Req'd Qty: 1.00



Cust Item ID:

Customer:

Draw

Reference:

Approvals:

QC:

Date: 10-4-21 Tooling:

Date:

SPC (Y/N):

Date:

Date:

Run

Start



Stop

Sequence ID/ Work Center ID

Operation Description

Revision Nbr

Set Up/ **Run Hours**

Number

Draw Rev.

Plan Accept Code Qty

Reject Qty

Reject Insp. Number Stamp

Draw Nbr D3274

D

IIN-D206-642

Rev M

100

DOCUMENT CONTROL

Memo

0.00

0.00

Document Control

Photocopy bluefile & type labels per PPP D206-642-541

CHG003

April 21, 2010 9:19:18 AM



Page 2

Item ID:

D206-642-541

Accept



Setup Start



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00

Required Date: 28/04/2010

Req'd Qty: 1.00



Date: _____

Cust Item ID:

Customer:

Reference:

	_	
A :	pprovals:	
$\boldsymbol{\alpha}$	ppi uvais.	

Process Plan:

QC:

Date:

Tooling: SPC (Y/N):

Date: Date: Run

Start

Stop



Stop



Sequence ID/ **Work Center ID**

110



Skidtubes Skidtubes

Operation **Description**

Set Up/ **Run Hours** Draw Number

Draw Rev.

Plan Code

Reject Accept **Qty** Qty

Reject Number

Insp. Stamp

Skidtubes

Memo

0.00

0.00

****VERIFY AND INSPECT THE MATERIAL PRIOR TO USE****

1- Bend FWD end of tube using bend prog D3274 FWD dwg D3274, cut fwd end of tube with saw table setup D3274.

2- remove fwd indexing ridge as per dwg D3274. Prepare for welding

3- weld fwd cap as per dwg D3274 and OSI004 AR Aluminum Rod Batch: M/12860

4- grind fwd cap weld on top surface only

5- Cut AFT end of tube at 170.9" as per dwg D3274 and deburr end.

6-Drill Aft cap pilot hole using DT8025

7 -Cleco DT8025 in position and install pilot hole drill Jig DT8742A,B,C,D. Drill 3/16" pilot holes as per Dwg D3274

8 -Remove inner indexing ridge on aft end of skidtube as per Dwg D3274 scribe batch #

9 -Open aft end cap holes to Ø0.208" as per Dwg D3274. Deburr aft end.

BE 10-5-5

10-5-4

April 21, 2010 9:19:18 AM

Required Date: 28/04/2010

Item ID:

D206-642-541

Accept

Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Approvals:

QC:

Process Plan:

Date:

Date:_____

Tooling:

SPC (Y/N):

Date: Date:

Draw

Rev.

Plan

Code

Stop

Reject

Qty

Run



Insp.

Stamp

Reject

Number

Sequence ID/ Work Center ID

120

HandFinish

Hand Finishing

Operation Description

Chemical Conversion Coat per QSI005 4.1

Set Up/ **Run Hours**

0.00

0.00

Number

Draw

Oty

Accept

130



Quality Control

QC3- Inspect Part Finish

Memo

Memo

Memo

140



Quality Control

QC5- Inspect part completeness to step on W/O

0.00

S volosty

0.00

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Page 4

Item ID:

D206-642-541

Accept



Setup Start



Revision ID:

Item Name: Replacement Skidtube

Required Date: 28/04/2010

Start Date:

21/04/2010

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

Approvals:

QC:

Process Plan: ______

Date:_____

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run

Start Stop



Sequence ID/ **Work Center ID**

150

Skidtubes

Skidtubes

Operation Description

Set Up/ **Run Hours** Draw Number

Draw Rev.

Plan Code

Accept Reject Qty Qty

Reject

Insp. Number Stamp

Skidtubes

0.00

0.00

1-Open Ø0.313" and 0.375" crossbolt spacer holes using DT8743 as per Dwg D3274

2-Deburr crossbolt spacer holes as per Dwg D3274 and blow out chips from inside the tube

3-Bond web in place as per Dwg D3274 & QSI 015.

(Adhere for 12 hours)

160

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

n O BE 10-05-18

April 21, 20:10 9:19:18 AM



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Item ID:

D206-642-541

Accept



Setup Start

Stop

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00

Required Date: 28/04/2010 Reg'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

4			
A	opro	vals:	

Process Plan: _____ Date: ____ Tooling:

Date:

Date:

Start Run



QC: _____ Date: ___

SPC (Y/N):

Draw Plan Accept

Reject

Reject

170

Sequence ID/

Work Center ID

Skidtubes

Skidtubes

Operation Description

Set Up/ **Run Hours** Draw Number

Rev.

Code Qty Qty

Number Stamp

Insp.

Skidtubes

Memo

0.00

0.00

1-Bend AFT end of tube using bend prog. D3274 AFT as per dwg D3274. Install drop pins in crossbolt spacer holes to maintain web position.

11/0/5/18

2- DRILL PILOT HOLES FOR WEARPLATES USING D3274-1T2 OPEN HOLES TO .297". Deburr

3-DRILL TOE PIN HOLE .640" DIA AS PER DWG USING DT8935 FWD END OF TUBE

DEBURR INSIDE OF HOLE AS NECESSARY (DO NOT ENLARGE HOLES) REMOVE ANY FOREIGN OBJECTS INSIDE OF TUBES

4- Countersink crossbolt spacer holes as per Dwg D3274

5- prepare for welding

QC5- Inspect part completeness to step on W/O

O.M 10-05-18

180

QC

Quality Control

Memo

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Page 6

Item ID:

D206-642-541

Accept



Setup Start

Stop

Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00

Required Date: 28/04/2010 Reg'd Oty: 1.00

Operation

Skidtubes

Description



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan: _____

Date:_____

Date: _____

Tooling: SPC (Y/N):

Set Up/

Run Hours

Draw

Number

Date:

Rev.

Date:

Draw Plan

BE 10/05/18

Code

Accept Qty

Reject Qty

Run

Reject Number Stamp

Insp.

Work Center ID 190

Sequence ID/

Skidtubes Skidtubes

Memo

0.00

0.00

1-Insert D2649 & D3275-1 crossbolt spacers. Weld as per QSI 004 and Dwg D3274. Remember to back drill each hole before welding the other side. Use

aluminum rod

A/R - Aluminum Rod - M 112507

3-Grind cross bolt welds flush as per Dwg D3274.

W 10/5/19

4-Counterbore 5/16" x 0.750" deep as per Dwg D3274 and deburr.

W1015120

200

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

Scolosbo

Work	Order	ID	57961

April 21, 2010 9:19:18 AM

Required Date: 28/04/2010



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Item ID:

D206-642-541

Accept



Setup Start



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

Δn	prova	le.
AU	บเบงล	115.

Process Plan:

Date:

Tooling:

0.00

Date:

Run

Start

Stop



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID

210

Quality Control

Operation Description

QC10- Inspect visual per QSI004- ground welds

Set Up/ **Run Hours**

Draw Number

Plan Draw Rev. Code

Accept Qty Oty

Reject

Reject Insp. Number Stamp

0.00

2 2/05/20

220



Hand Finishing

Pressure Wash per QSI005 4.3

Memo

REALORNED. PARS9043.

1 Bil 10-5-05.

230



Powdercoat Powder Coating White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

W104207

0.00

0.00 => 1 10/05/25

Memo

START TIME:

OVEN TEMPERATURE: FINISH TIME: 2.00

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Item ID:

D206-642-541

Accept



Setup Start



Revision ID:

Item Name: Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00

Required Date: 28/04/2010 Reg'd Qty: 1.00



Cust Item ID:

Customer:

Reference:

A	obi	ova	ls:

Process Plan:

QC: ____

Date:

Date:

Tooling:

SPC (Y/N):

Draw

Number

Date: Date: Run

Start

Stop



Stop



Sequence ID/ Work Center ID

240



250

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

Set Up/ **Run Hours**

Draw Rev.

Plan Code Accept Oty

Reject Qty

Reject Insp. Number Stamp



Hand Finishing

HandFinishing

0.00

0.00

1-Install Nut Plate as per Dwg D3274. Apply LPS-3 to Nut Plate and rivets.

A/RON/AOLPS-3O L 104251

2-Install inserts as per Dwg D3274 Mana drop of Sikaflex inside insert holes a

A/R□□Sikaflex-291 Sikaflex expire date:

10-5-27.

260



Quality Control

QC5- Inspect part completeness to step on W/O

000 S W/c5/28

Memo

Inspect Nut Plate & Inserts

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Item ID:

D206-642-541

Accept



Setup Start



Revision ID:

Replacement Skidtube Item Name:

Start Date:

21/04/2010

Start Qty: 1.00

Required Date: 28/04/2010

Req'd Qty: 1.00



Cust Item ID:

Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

Date:_____

Tooling:

Date:

Draw

Rev.

Run

Start

Stop

Stop



QC:

Date:_____

SPC (Y/N):

Set Up/

Run Hours

Date:

Plan

Qty

Code

Reject Accept **Qty**

Reject

Insp. Number Stamp

Work Center ID

270



Sequence ID/

HandFinish Hand Finishing Operation Description

Memo

HAND FINISHING RESOURCE #1

0.00

1-Install wearpads & gaskets as per Dwg D3274.

2-Install ring as per Dwg D32 A/R□□Sikaflex-291 □ Sikaflex expire date:

3-Inspect for foreign objects as per OSI 024

4-Spray inside of tube on both sides of web with LPS-3

A/R

LPS-3

Batch: PROCYOW 104251

5-Install Aft Cap and seal with Sikaflex. Clean excess adhesive. A/R \(\subseteq \text{Sikaflex-291} \)

Sikaflex expire date:

D bl 10-5-28.

280

QC5- Inspect part completeness to step on W/O

0.00

D 10/05/78

Quality Control

Memo

April 21, 2010 9:19:18 AM

Required Date: 28/04/2010



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Item ID:

D206-642-541

Accept



Setup Start

Stop



Revision ID:

Item Name:

Replacement Skidtube

Start Date:

21/04/2010

Start Qty: 1.00 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Start

Run

Stop

Sequence ID/ **Work Center ID**

290

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location:

Memo

Date: _____

Set Up/ **Run Hours**

0.00

0.00

Draw Draw Plan Number Rev. Code

Accept Qty

Reject **Qty**

Reject Number

Insp. Stamp

300

QC21- Final Inspection - Work Order Release

0.00



Quality Control

Memo

0.00

10/05/31 A) MF 10-5-31

Work Order ID: 57961					Page 1
Parent Item: D206-642-541			1881 8194 81841 ABI (881		\mathcal{L}
Parent Item Name: Replacement Skidt	tube	# 1878 1814 1814 8111 1884 81111 81818 1861	1841 BIIII BIBB! 118; 1881	Start Date: 21/9	04/2010
	.23□Revised per D206-642 2-23 Added SS Wearplat 2-06 replace NAS1515H	Rev. J□KJ/JLM es & Gaskets JLM□ 3L to D3672-1 DD DD verified by:EC		Start Qty: 1.00	1 1
D2600-1-190 ###################################	Manufactured No		110 Each	44.0000 1.0000	
D3285-1 Cap	Manufactured No	Warehouse Location LG 47575	Loc Oty 44 110 Each	158.0000 1.0000	5-4
- 03282-041	Manufactured No	Warchouse Location Main Warehouse LG 47635 52511 52647	Loc Oty 158 9 74 75 150 Each	0.0000 1.0000	
III	B5753 Manufactured No	3900	190 Each	85.0000 1 2 0000	
		Warehouse Location Main Warehouse LG 55000	85 85	Loc Code — — — — — — — — — — — —	BE 10/05/18

BE 10/05/18

April 21, 2010 9:19:22 AM Work Order ID: 57961 Parent Item: D206-642-541 Parent Item Name: Replacement Skidtube Start Date: 21/04/2010 Required Date: 28/04/2010 IPP Rev:B□05.09.23 □ Revised per D206-642 Rev. J□KJ/JLM Comments: Start Qty: 1.00 Required Oty: 1.00 IPP Rev:C 07-02-23 Added SS Wearplates & Gaskets JLM IPP Rev:D 07-12-06 replace NAS1515H3L to D3672-1 DD IPP Rev:E 08-04-17 as per PAR 08-015 DD verified by:EC D3275-1 Manufactured No 190 Each 20.0000 12.0000 Crossbolt Spacer Warehouse Loc Qty Loc Code BE 10/05/18 Location Main Warehouse LG 20 53453 20 CR3212-4-03 Purchased No 250 Each 2,117,000 2,0000 Cherry Rivet Warehouse Loc Qty Loc Code Location Main Warehouse ST311 2117 2 BR 10.5-28 111359 92 112314 125 114436 1900 D3415-041 Manufactured No 250 Each 75.0000 1.0000 Nut Plate

Warehouse	Loc Oty	Loc Code
Location		
Main Warehouse		
ST056	75	
33842	75	

1 Bil 10-5-28.

Required Date: 28/04/2010

Required Qty: 1.00

April 21, 2010 9:19:22 AM

Work Order ID: 57961

Parent Item:

D206-642-541

Parent Item Name:

Replacement Skidtube

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM IPP Rev:C 07-02-23 Added SS Wearplates & Gaskets JLM□

IPP Rev:D 07-12-06 replace NAS1515H3L to D3672-1 DD

IPP Rev:E 08-04-17 as per PAR 08-015 DD verified by:EC

CCR264SS3-3

Comments:

Purchased

No

250

Each

724.0000 2.0000

Start Date: 21/04/2010

Start Qty: 1.00

Cherry Rivet

Warehouse	Ī	oc Qty	Loc Code	
Location				
Main Warehouse				
ST311		724		
111548		4		
112314		4		
113539		92		
113973		624		
	250	Each	1,912.000 78.00	000

Loc Code

ALS4-1032-130

Purchased

No

Insert

Warehouse	Loc Oty
Location	
Main Warehouse ST282 /14654	1912
110511	40
114407	1872

78 BL 10-5-28.

2 Bl 10-5-28

April 21, 2010 9:19:22 AM

Page 4

Required Date: 28/04/2010

Required Qty: 1.00

Work Order ID: 57961

D206-642-541

IPP Rev:E

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM IPP Rev:C 07-02-23

IPP Rev:D 07-12-06

08-04-17

Added SS Wearplates & Gaskets JLM

replace NAS1515H3L to D3672-1 DD as per PAR 08-015 DD verified by:EC

D3536-15

Manufactured No 270

Each

19.0000 1.0000

Start Date: 21/04/2010

Start Qty: 1.00

Gasket

Warehouse	Lo	c Qty	Loc Code	
Location				
Main Warehouse				
FP		19		
51600 5605 5		7		
56055		12		
	270	Each	16.0000	1

D3536-23

Manufactured

No

.0000

Gasket

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
FP	4	
53468	4	
Main Warehouse		
FP011 /	12	
57529	12	

T Bl 16-5-28.

(1 bl 10-5-28

April 21, 2010 9:19:22 AM

Page 5

Required Date: 28/04/2010

Required Qty: 1.00

bl 10-5-08

Work Order ID: 57961

Parent Item:

Comments:

D3536-35

D206-642-541

Parent Item Name:

Replacement Skidtube

IPP Rev:C 07-02-23

IPP Rev:D 07-12-06

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM Added SS Wearplates & Gaskets JLM replace NAS1515H3L to D3672-1 DD

No

IPP Rev:E

08-04-17 as per PAR 08-015 DD verified by:EC

Manufactured

270 Each

18.0000 1.0000

Start Date: 21/04/2010

Start Qty: 1.00

Gasket

Warehouse	Loc Oty	Loc Code
Location		
Main Warehouse		
FP 58637	6	
51628	6	
Main Warehouse		
FP012	12	
57530	12	

Manufactured No

12 Each

11.0000 1.0000



D3536-39

Gasket

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
FP	11	
48161 51637	1	
51637.	10	

270

JBR 10-5-08

April 21, 2010 9:19:22 AM

Page 6

Required Date: 28/04/2010

Required Qty: 1.00

1 10-5-28

1 bl 10-5-28

Work Order ID: 57961

D206-642-541

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM

IPP Rev:C 07-02-23 IPP Rev:D 07-12-06

IPP Rev:E

Added SS Wearplates & Gaskets JLM

replace NAS1515H3L to D3672-1 DD as per PAR 08-015 DD verified by:EC 08-04-17

D3535-15

Manufactured No

270

Each

14.0000 1.0000

Start Date: 21/04/2010

Start Qty: 1.00

Wearshoe

Warehouse Location	<u>I</u>	Loc Oty	Loc Code	
Main Warehouse				
FP		14		
53462 56053		4		
56053		10		
	270	Each	16.0000	1.0000

D3535-35

Wearshoe

Manufactured

No

Warehouse Loc Qty Loc Code Location Main Warehouse FP 5 51608 Main Warehouse FP018 11 575286 11

April 21, 2010 9:19:22 AM

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Required Date: 28/04/2010

Required Qty: 1.00

Work Order ID: 57961

Parent Item:

D206-642-541

Parent Item Name:

Replacement Skidtube

Comments:

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM

IPP Rev:C 07-02-23 IPP Rev:D 07-12-06

Added SS Wearplates & Gaskets JLMD replace NAS1515H3L to D3672-1 DD

No

No

IPP Rev:E

08-04-17

as per PAR 08-015 DD verified by:EC

D3535-39

Manufactured

Manufactured

270

Each

9.0000

Loc Code

1.0000

1.0000

Start Date: 21/04/2010

Start Qty: 1.00

Wearshoe

Warehouse Location Main Warehouse

FP

51619

9 270 Each

Loc Qty

24.0000

-bl 10-5-08

Wearshoe

D3535-23

Warehouse Location

Main Warehouse

FP 53467 56054

Main Warehouse FP21

Loc Oty Loc Code

11 10

13 13 1 bl 10-5-28.

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Shop Packet Print

Page 7

Required Date: 28/04/2010

bl 10-5-08

Required Qty: 1.00

April 21, 2010 9:19:22 AM

Work Order ID: 57961

Parent Item:

D206-642-541

IPP Rev:E

Parent Item Name:

Replacement Skidtube

Comments:

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM IPP Rev:C 07-02-23

IPP Rev:D

07-12-06 08-04-17

Added SS Wearplates & Gaskets JLM□

replace NAS1515H3L to D3672-1 DD as per PAR 08-015 DD verified by:EC

D3537-3

Manufactured No

270

Each

24.0000 1.0000

Start Date: 21/04/2010

Start Qty: 1.00

Wearpad

Warehouse	<u>La</u>	oc Qty	Loc Code			
Location						
Main Warehouse						
FP		2				
35697		2				
Main Warehouse						
FP17		22				
57512		22				
	270	Each	51.0000	9.0000 	·	v

D3537-1

Wearpad

Manufactured No

Warehouse Loc Oty Loc Code Location Main Warehouse 55465 Main Warehouse FP17 42 57510 42 270 Each 0.0000 80.0000

AN960C10L

Purchased

No

80 bk 10-5-08

washer

NUAS 114900332R

114341

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Required Date: 28/04/2010

Required Qty: 1.00

Work Order ID: 57961

D206-642-541

Parent Item Name:

Replacement Skidtube

Comments:

Parent Item:

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM

IPP Rev:C 07-02-23 IPP Rev:D

07-12-06 IPP Rev:E 08-04-17

Added SS Wearplates & Gaskets JLMD

as per PAR 08-015 DD verified by:EC

replace NAS1515H3L to D3672-1 DD

AN960C416

Purchased

Manufactured

No

No

270

Each

376.0000 1.0000

Start Date: 21/04/2010

Start Qty: 1.00

washer

Warehouse

Loc Oty

Loc Code

Location

Main Warehouse

ST346

100993

376

Each

376

Loc Qty

270

1,581.000 2.0000

D3672-1

Phenolic Washer

Warehouse

Loc Code

Location

Main Warehouse

ST077 47628 51674

52505

1581 81 500

1000

2 BK 10-5-28

Required Date: 28/04/2010

Required Oty: 1.00

80. Bil 10-5-28

April 21, 2010 9:19:22 AM

Work Order ID: 57961

Parent Item:

D206-642-541

Parent Item Name: Replacement Skidtube

IPP Rev:E

Comments:

IPP Rev:B□05.09.23 □ Revised per D206-642 Rev. J□KJ/JLM Added SS Wearplates & Gaskets JLM

IPP Rev:C 07-02-23 IPP Rev:D 07-12-06

replace NAS1515H3L to D3672-1 DD 08-04-17 as per PAR 08-015 DD verified by:EC

AN3C4A

Purchased

No

270

Each

1,799.000 80.0000

Start Date: 21/04/2010

Start Oty: 1.00

BOLT

Warehouse Location	Loc Q	<u>ty</u>	Loc Code	
Main Warehouse ST350/14523	1'	799		
114103	_	501		
114108		300		
114330	4	198		
114416	:	500	٠	
	270	Each	533.0000	1.0000

AN4C5A

Purchased

No



BOLT

Warehouse	Loc Oty	Loc Code
Location		
Main Warehouse		
ST346	533	
110552	33	
112243	500	

1 BR 10.538.

Required Date: 28/04/2010

Required Qty: 1.00

April 21, 2010 9:19:22 AM

Work Order ID: 57961

Parent Item:

Comments:

D206-642-541

Parent Item Name:

Replacement Skidtube

IPP Rev:C 07-02-23

IPP Rev:B□05.09.23□Revised per D206-642 Rev. J□KJ/JLM Added SS Wearplates & Gaskets JLM□

Manufactured

IPP Rev:D

07-12-06

replace NAS1515H3L to D3672-1 DD as per PAR 08-015 DD verified by:EC

No

IPP Rev:E

08-04-17

Manufactured No

270

Each

32.0000 1.0000

Start Date: 21/04/2010

Start Qty: 1.00

Warehous	<u>e</u>	Ī	oc Qty	Loc Code			
<u>Locati</u>	<u>on</u>						
Main Ware		/				,	211 12 -
FP6	57832	V	28				BH 10-5
5	52663		28				
Main Ware	house						
fp7			4				
5	52663		4				
		270	Each	31.0000	1.0000		

Ring

D3413-1

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
ST473 58524	31	
51586	8	

23

1 pl 10-5-28.

Shop Packet Print

53446



DESIG	CP	DRAWN BY	DART AEROSPACE USA, INC.
CHECK	(ED A	APPROVED 4	DRAWING NO. REV. D
	#	-#	D3274 SHEET 1 OF 4
DATE			TITLE SCALE
06.1	2.19		SKIDTUBE ASSEMBLY NTS
A		04.03.15	NEW ISSUE
В		04.08.09	MOVE SADDLE HOLE: 42.14 WAS 42.76
C		05.03.16	ADD -043; NEW INSERTS
D		06.12.19	NEW INSERTS, SS WEARSHOE + GASKET

Qty	Qty	<u> </u>	
-041	-043	Part Number	Description
X		D3274-041	SKIDTUBE ASSEMBLY
<u> </u>	X	D3274-043	SKIDTUBE ASSEMBLY
11	1	D2600-1-240	EXTRUSION
1	1	D2646	AFT CAP
12	12	D2649	CROSS BOLT SPACER
12	37	D3275-1	CROSS BOLT SPACER
1	1	D3282-041	FLOAT WEB
1	1	D3285-1	CAP
1	1	D3413-1	RING
1	1	D3415-041	NUT PLATE
1	1	D3535-15	WEARSHOE
1	1	D3535-23	WEARSHOE
1	1	D3535-35	WEARSHOE
1	1	D3535-39	WEARSHOE
1	1	D3536-15	GASKET
1	1	D3536-23	GASKET
1	1	D3536-35	GASKET
1	1	D3536-39	GASKET
9	9	D3537-1	WEARPAD
1	1	D3537-3	WEARPAD
78	78	ALC7 4020 420	INCERT (** AVEA 1022 120 ALCA 1022 120 AELS 1022 120)
80	80	ALS7-1032-130 AN3C4A	INSERT (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130) BOLT
1	1	AN4C5A	BOLT
		AN960C416	WASHER
80	80	AN960C10L	WASHER
2	2	CCR264SS3-3	RIVET
	2	CR3212-4-03	RIVET
2	2	NAS1515H3L	WASHER

RETURN TO ENGINEERING UNCONTROLLED COP

SHOP COPY

SUBJECT TO AMENDMEN WITHOUT NOTICE

WORK ORDER 94/GENERAL NOTES:

1. TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

2. DAMAGE TOLERANCE ON FWD BEND:

THERE SHOULD BE NO VISIBLE WRINKLES IN THE BEND FROM THE GROUND TO A HEIGHT OF 7 INCHES ABOVE THE GROUND. IT IS ACCEPTABLE TO POLISH OUT GOUGES UP TO 0.020 DEEP IN THE BENT PORTION OF THE TUBE. A MAXIMUM REDUCTION IN DIAMETER OF 0.150" IS ACCEPTABLE IN THE BENT PORTION OF THE TUBE.

3. ALL HOLES DRILLED ON CENTERLINES.

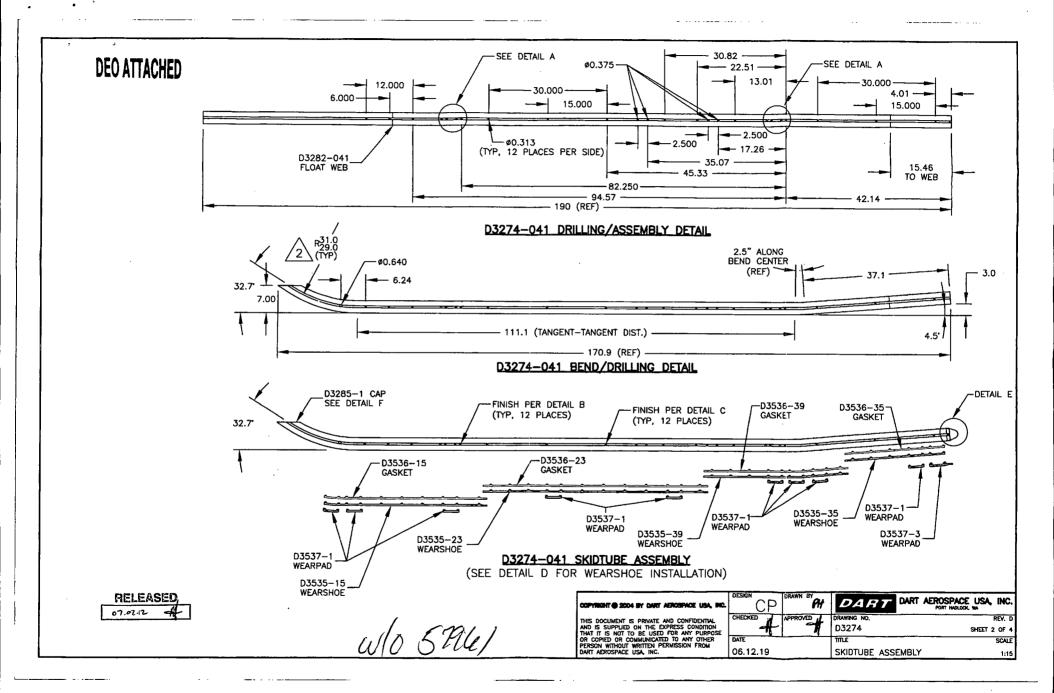
4. BOND D3282-041 FLOAT WEB INTO D3274-1/-3 OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241/291 ADHESIVE PER DART QSI 015. ENSURE HOLES LINE-UP.

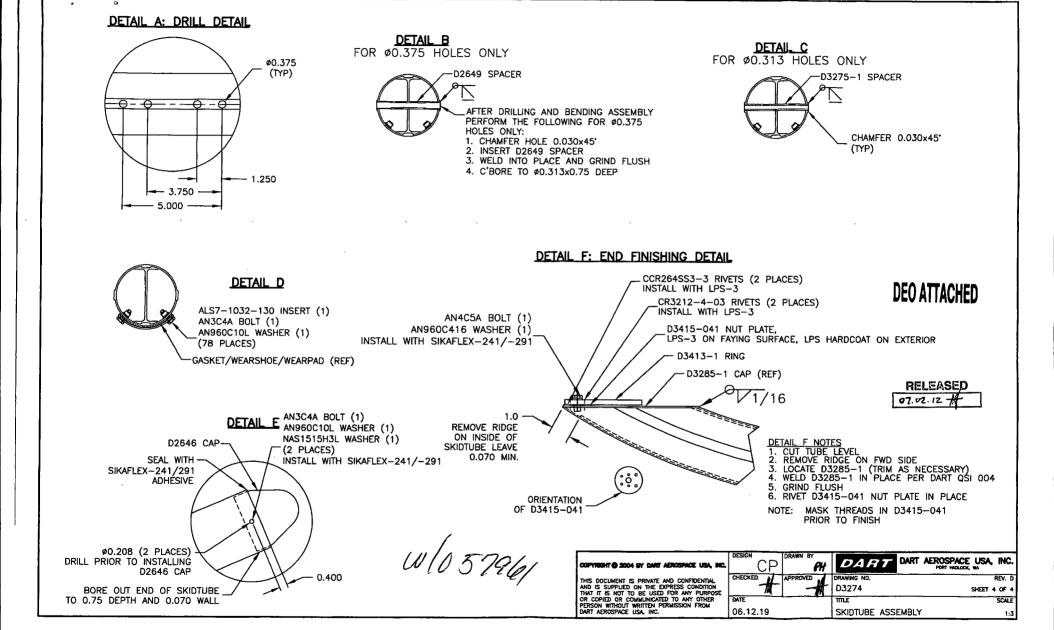
5. WELDING TO BE DONE PER DART QSI 004.

- 6. FINISH: ACID ETCH, ALODINE ASSEMBLY PER DART QSI 005 4.1 POWDER COAT WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3
- 7. DRILL Ø0.297 HOLES FOR ALS7-1032-130 INSERTS USING DT3274-1T2 BEFORE FINISH. INSTALL ALS7-1032-130 INSERTS AFTER FINISH. SEAL WEARSHOE BOLTS WITH SIKAFLEX -241/-291.
- 8. SPRAY INSIDE OF TUBE WITH A COAT OF LPS LABORATORIES "LPS-3" AFTER FINISH AND INSTALLATION OF INSERTS. COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES "LPS PROCYON" AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF POWDER COATING WITH MEK DEGREASER.

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DRAWING NO.	TITLE	REV DIDART AFROSE	PACE USA, INC D.E.O. NO	· · · · · · · · · · · · · · · · · · ·	SHEET NO.	2011
D3274	SKIDTUBE ASSEMBLY	ENGINEERI	,		SHEET 1 OF 1	SCALE NTS
DRAWN .	CHECKED	MFG. APPR.	APPROVED	JAP	DE APPR.	NIS
DATE 09.06	17 DATE 09.06	23 DATE 09/04	/23 DATE	09/06/29	DATE 09.06.23	

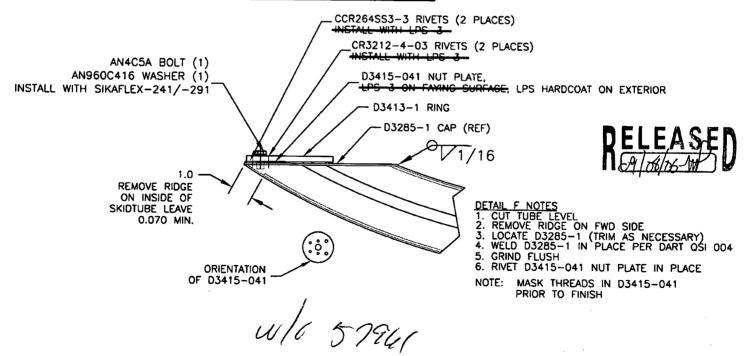
LPS-3 IS NO LONGER USED DURING ASSEMBLY OF SKIDTUBE.

AMEND NOTE 8: "SPRAY INSIDE OF TUBE WITH A COAT OF LPS LABORATORIES 'LPS 3' AFTER FINISH AND INSTALLATION OF INSERTS.

COAT ALL EXPOSED FASTENERS WITH LPS LABORATORIES 'LPS PROCYON' AFTER FINAL ASSEMBLY, CLEAN EXCESS OFF POWDER COATING WITH MEK DEGREASER."

AMEND DETAIL F AS SHOWN:

DETAIL F: END FINISHING DETAIL



NO_{330}	

AWS D17.1.2001 QUALIFICATION TEST RECORD

Name: Barclay Ellight	
Job number: 57356	
Part number: Dack-642-541	
Description: Nont tube	
Welding Process: Tig Mig	
Base materiel: Aluminium	
Current: AC[DC[]	

TEST REQUIREMENTS AND RESULTS

Visual: Penetration:	pass[fail[] pass[fail[]
UNACCEPTABLE	
Cracks: Undercut: Pin holes: Overlap (cold lap) Porosity (surface): Coloration:	pass[] fail[]
Qualifier / Ch. / C. 2.2	Date of Test Coupon 10.05.05
Welder Torchay Williot	Date of Test Coupon 10-05-05

The above named individual is qualified in accordance with AWS D17.1.2001 to weld